Wrangell

Definition of Historically Active The 53* volcanoes displayed on this map meet at least one of the following criteria since 1700 CE: • Documented, unquestioned eruption **OR** • A strongly suspected eruption, often an eruption documented in a historical account with very little information. Current geologic knowledge must not contradict the eruption account, OR • Persistent (usually on the order of decades, but certainly longer than several months) fumaroles, with temperatures (where measured) within ~10°C of the boiling point, **OR** • Significant, measured, volcanic-related, non-eruptive deformation, OR Documented earthquake swarm with strongly suspected volcanic cause * The number of active volcanoes is revised as we refine our understanding of Alaska's complex volcanic systems. Previous versions of this publication listed Korovin and Kliuchef separately, however, both these vents are part of the Atka Volcanic Complex that includes several satellite vents including Sarichef, Kliuchef, Konia, and Korovin. Korovin is the most recently active vent and last erupted in 1998. Date of Last Eruptive Event Where confidently known, the year of the most recent eruptive event is listed below the volcano name. See

volcanoes with no certain historical eruptions.

the accompanying data table for a field containing the year of suspected eruptive events for those

See accompanying data file for a description of how each volcano met the historically active criteria and up to three overview references pertinent to the historical activity of the volcano.

Sources of Data

Historically Active Volcanoes

Digital data for the Historically Active Volcanoes of Alaska can be accessed as an interactive map or Digital Data Series (DDS):

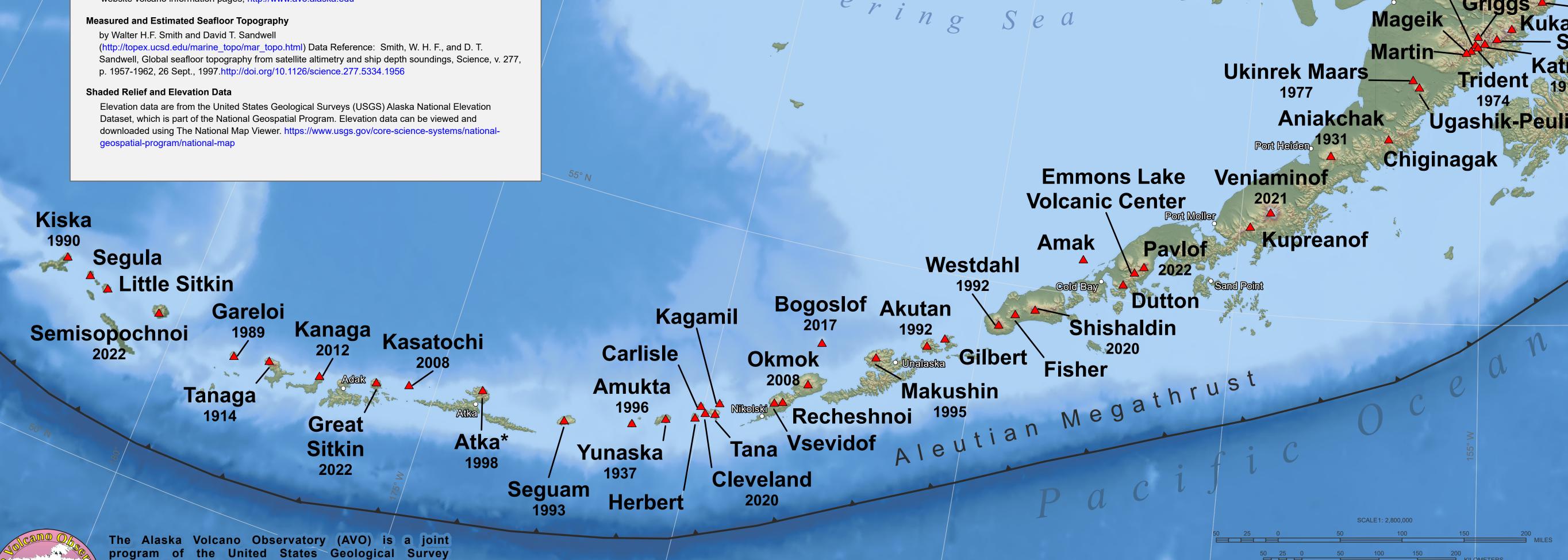
Cameron, C.E., and Schaefer, J.R., 2020, Historically active volcanoes of Alaska: Alaska Division of Geological & Geophysical Surveys Digital Data Series 6, http://doi.org/10.14509/ historically_active_volcanoes. http://doi.org/10.14509/30426

This DDS is compiled from the AVO Geologic Database and website:

Cameron, C.E., and Alaska Volcano Observatory Staff, 2020 Geologic Database of Information on Volcanoes in Alaska (GeoDIVA), accessed January 26, 2022, through the Alaska Volcano Observatory website volcano information pages, http://www.avo.alaska.edu

(USGS), the Geophysical Institute of the University of Alaska Fairbanks (UAF/GI), and the State of Alaska

Division of Geological & Geophysical Surveys (DGGS).



Katmai Ugashik-Peulik Map Extent

DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

email: dggspubs@alaska.gov 🔷 website: c

Spurr

Redoubt

Iliamna

Augustine

Dillingham Novarupta

Alaska Volcano Observatory • Division of Geological & Geophysical Surveys

Map Datum: North American Datum of 1983

Cartography by J.M. Perreault, P. G. Ekberg